

ABSTRACT

Pharmaceutical compositions effective in alleviating or reducing the effects of fatigue and weakness associated with cancer and cytotoxic cancer chemotherapy are disclosed. The pharmaceutical compositions of the present invention comprise riboflavin, effectors of the urea cycle in free form or pharmacologically acceptable salts thereof, and amino acids selected from the groups of essential and non-essential amino acids, in free form or pharmaceutically acceptable salts thereof, suitably combined with appropriate carriers, diluents, or excipients. Also disclosed are methods of alleviating or reducing the effects of fatigue and weakness associated with cancer and cytotoxic cancer chemotherapy by administration of pharmaceutical compositions of the present invention.